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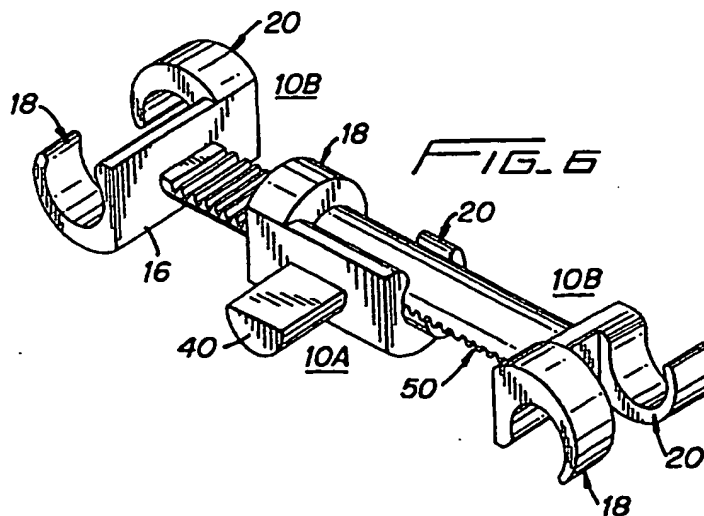
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**(54) Transverse spinal rod connector clip**

(57) A device for connecting two elongated spinal rods to one another in a spinal fixation system comprising a clip body including a first portion and a second portion, the first portion of the clip body configured to receive and engage a first elongated spinal rod, the second portion of the clip body having a transverse bore

therein for receiving a second elongated spinal rod extending transverse to the first elongated spinal rod; and a locking member dimensioned and configured for mounting in the transverse bore in the second portion of the clip body so as to fix the position of the second elongated spinal rod with respect to the first elongated spinal rod.



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## EUROPEAN SEARCH REPORT

Application Number  
EP 98 10 8437

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CL.6)
X A	EP 0 565 149 A (BRISTOL-MYERS SQUIBB) 13 October 1993 * column 3, line 43 - line 45; figures 1,4 *	1-3,20, 21 5,8-10, 23-25	A61B17/70
X A	US 5 507 746 A (C.-I.LIN) 16 April 1996 * figures 7,8 *	1,5,6,9 4,7,10	
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X	GB 2 051 581 A (J.S.KEENE) 21 January 1981 * page 3, line 78 - line 116; figures 1,5,8 *	1,5,9	
X A	US 5 439 463 A (C.-I.LIN) 8 August 1995 * column 2, line 57 - column 3, line 9 * * column 3, line 46 - column 4, line 58; figures 1,4A,4D *	5,7,13, 17,18,23 8,16	TECHNICAL FIELDS SEARCHED (Int. CL.6) A61B
X A	EP 0 590 745 A (AMEI TECHNOLOGIES) 6 April 1994 * figure 1 *	13 23	
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P,X	EP 0 811 357 A (STRYKER FRANCE) 10 December 1997 * figures 1,3 *	5,7,8	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13 January 1999	Examiner Nice, P
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			

EPO FORM 123 (01.92) (P.01/01)



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#### CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

#### LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



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**LACK OF UNITY OF INVENTION  
SHEET B**

Application Number  
**EP 98 10 8437**

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

**1. Claims: 1-12**

Spinal fixation systems with connected spinal rods  
transverse to each other.

**2. Claims: 13-26**

Spinal fixation systems with opposed spaced apart arcuate  
rod engaging hooks

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 10 8437

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82